

Reply to Office Action dated January 29, 2008

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A transmission power control method of a forward-acknowledgement channel, comprising the steps of:

receiving packet transmission control information in a base station, the received packet transmission control information including a boost identifier to identify a boost operation; and

determining a power of a transmission signal to be transmitted from the base station via the forward-acknowledgement channel (F-ACKCH) using an increment for a reference transmission power value of a boost mode ~~in case that when~~ the packet transmission control information contains ~~[[a]]~~ the boost identifier to identify the boost operation.

2. (Currently Amended) The transmission power control method of claim 1, wherein the increment for the reference transmission power value is determined ~~according to~~ based on a sub-packet identification (SPID) or a service data unit length (SDU\_length) transmitted via a reverse-packet data control channel.

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3. (Currently Amended) The transmission power control method of claim 1, wherein the power of the transmission signal to be transmitted via the forward-acknowledgement channel (F-ACKCH) is determined ~~in a manner of~~ by adding the increment to the reference transmission power value of the boost mode ~~[[if]]~~ when the signal is an acknowledgement (ACK) signal.

4. (Currently Amended) The transmission power control method of claim 1, wherein the power of the transmission signal to be transmitted via the forward-acknowledgement channel (F-ACKCH) is determined ~~in a manner of~~ by adding the increment to the reference transmission power value of the boost mode ~~[[if]]~~ when the signal is a non-acknowledgement (NACK) signal.

5. (Currently Amended) An acknowledgement control method of a forward-acknowledgement channel, comprising ~~the steps of~~:

- receiving acknowledgement information ~~[[in]]~~ at a mobile station;
- ~~determining~~ adjusting a boost mode threshold at the mobile station using an increment for a boost mode reference threshold ~~in case of~~ when in a boost mode operation; and
- deciding, at the mobile station, a presence or non-presence of acknowledgement ~~using~~ based on the adjusted boost mode threshold.

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6. (Currently Amended) The acknowledgement control method of claim 5, wherein the increment for the boost mode reference threshold is determined ~~according to~~ based on a sub-packet identification (SPID) or a service data unit length (SDU\_length) transmitted via a reverse-packet data control channel.

7. (Currently Amended) The acknowledgement control method of claim 5, wherein the increment for the boost mode reference threshold is determined ~~according to~~ based on a sub-packet identification (SPID) and a service data unit length (SDU\_length) transmitted via a reverse-packet data control channel.

8. (New) The acknowledgement control method of claim 6, wherein the SDU\_length represents a length of a payload.

9. (New) The acknowledgement control method of claim 6, wherein the SPID represents a sequence of a sub-packet.

10. (New) The transmission power control method of claim 2, wherein the SDU\_length represents a length of a payload.

11. (New) The transmission power control method of claim 2, wherein the SPID represents a sequence of a sub-packet.

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12. (New) The transmission power control method of claim 1, wherein the transmission signal comprises an acknowledge signal.

13. (New) The transmission power control method of claim 1, wherein the transmission signal comprises a non-acknowledge signal.